

Fiber fast connectors



DESCRIPTION

FABNET fiber fast connector (FFC) is a type of optical fiber connector that allows for quick and easy termination of fiber optic cables. Field-installable connectors are factory pre-polished connectors that eliminate the need for hand polishing in the field. Proven mechanical splice technology ensuring precision fiber alignment, a factory pre-cleaved fiber stub and a proprietary index-matching gel combine to offer an immediate low loss termination to either single-mode or multimode optical fibers. Connectors are compatible with 250 μm and 900 μm optical fibers, as well as 900 μm , 2 mm and 3 mm cordage.

APPLICATIONS

- Optical fiber communication system
- Telecom, FTTH, Optical CATV and LAN applications.
- Patch panel and wall box connection interface
- Direct equipment termination.

SPECIFICATIONS & FEATURES

- Solid and reliable performance
- Matchability IEC 61754-20.
- EU regulation: RoHS
- Flammability Class: UL94 V-0
- High Success Rate design and technology
- Reusable finishing capability (up to 5 times)

PHYSICAL & ENVIRONMENTAL PROPERTIES

Connector Type	LC/SC	Polish Type	APC/UPC
Fiber Mode	SM/MM	Flame Rating	UL 94-V0
Durability	up to 5 times	Radius of Curvature	7-25 / 7-12mm
Operating Temperature	-40 ° C / 80 ° C	Storage Temperature	-40 ° C / 80 ° C

OPTICAL CHARACTERISTICS

Insertion Loss	$\leq 0.30\text{dB}$	Return Loss	$\geq 50\text{ dB (UPC)} / \geq 55\text{ dB (APC)}$
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ORDERING INFORMATION

FFCS2AxC	Fiber fast connector, OS2, APC
FFCS2UxC	Fiber fast connector, OS2, UPC
FFCM3UxC	Fiber fast connector, OM3, UPC
FFCM4UxC	Fiber fast connector, OM4, UPC

x - Varies LC/SC